

Abstract

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Gas Discharge Lamp Drive Circuitry

5 The present invention relates to an apparatus and method for driving a gas discharge lamp, and in particular for dimming fluorescent lamps or tubes. An electronic circuit for controlling a gas discharge lamp (4) comprises
10 generation means for generating a high frequency pulse train that may be applied to the electrodes of the lamp (4) to light the lamp, means by which the generation means
15 may be connected to an electrical power source, a choke (L3) to limit the current drawn by the lamp (4), means (3) for producing a first (P0) series of pulses and
means (2, T0, T1, L3) for combining additively the first and
20 second series of pulses to produce the high frequency pulse train.

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Figure 4